

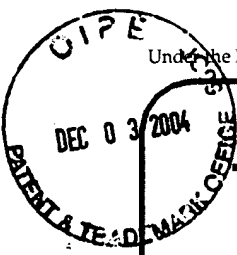
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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/781,980
Filing Date	February 18, 2004
First Named Inventor	Paul A. Luciw
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	309J-000910US

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): 1449, cited references and receipt acknowledgment postcard
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Authorization to Charge Deposit Account
 Please charge Deposit Account No. 50-0893 for any additional fees associated with this paper or during the pendency of this application, including any extensions of time for consideration of the documents enclosed.

Remarks


SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Jonathan Alan Quine, Reg. No. 41,261, Quine Intellectual Property Law Group, P.C.		
Signature			
Date	December 1, 2004		

CERTIFICATE OF MAILING

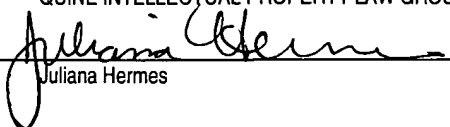
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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Signature		Date	December 1, 2004

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QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

By


Juliana Hermes

Attorney Docket No. 309J-000910US
Client Ref. No. 2002-156-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Paul A. Luciw, et al.

Application No.: 10/781,980

Filed: February 18, 2004

For: MULTIPLEX ANALYSIS OF
PROTEINS

Confirmation No.

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR § 1.97 and
§ 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:


The references cited on attached form PTO-1449 are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action on the merits per 37 CFR 1.97(b)(3).

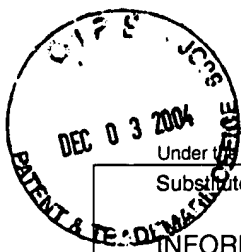
However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 50-0893. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Jonathan Alan Quine". The signature is fluid and cursive, with the first name "Jonathan" and last name "Quine" clearly distinguishable.

Jonathan Alan Quine, J.D., Ph.D., Reg. No. 41,261
For Monica Elrod-Erickson, Ph.D., Reg. No. 51,651

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Substitute for form 1449A-B/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/781,980
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Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	309J-000910US
Date Submitted	

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
	01	5,981,180		Chandler et al.	11-9-1999	
	02	6,197,599		Chin et al	03-06-2001	
	03	6,268,222		Chandler et al.	07-31-2001	
	04	6,449,562		Chandler et al.	09-10-2002	
	05	20030215854		Clausen et al.	11-20-2003	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
	06	CA	1248873		Tripatzis, Ioannis	01-17-1989		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	07	Brandt et al. (2001) " <i>Predictive laboratory diagnostics in oncology utilizing blood-borne cancer cells--current best practice and unmet needs</i> " <u>Cancer Lett</u> 162 Suppl:S11-S16	
	08	Camilla et al. (2001) " <i>Flow cytometric microsphere-based immunoassay: Analysis of secreted cytokines in whole-blood samples from asthmatics</i> " <u>Clinical and Diagnostic Laboratory Immunology</u> 8:776-784;	
	09	de Jong et al. (1997) " <i>BCR/ABL-induced leukemogenesis causes phosphorylation of Hef1 and its association with Crkl</i> " <u>J Biol Chem</u> 272:32649-55	
	10	Falsey et al. (2001) <u>Bioconjug. Chem.</u> (2001)12:346-53;	
	11	Fitzgerald (2001) " <i>Assays by the score</i> " <u>The Scientist</u> 15[11]:25	
	12	Fulton et al. (1997) " <i>Advanced multiplexed analysis with the FlowMetrix™ system</i> " <u>Clinical Chemistry</u> 43:1749-1756.	
	13	Gordon and McDade (1997) " <i>Multiplexed quantification of human IgG, IgA, and IgM with the FlowMetrix™ system</i> " <u>Clinical Chemistry</u> 43:1799-1801;	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute for form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if Known	
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14	Huang (2001) "Detection of multiple proteins in an antibody-based protein microarray system" <u>J. Immunological Methods</u> 255:1-13	
15	Jones et al. (2002) "Multiplex assay for detection of strain-specific antibodies against the two variable regions of the G protein of respiratory syncytial virus" <u>Clin Diagn Lab Immunol</u> 9:633-638	
16	Kellar and Iannone (2002) "Multiplexed microsphere-based flow cytometric assays" <u>Experimental Hematology</u> 30:1227-1237	
17	Kim et al. (2002) "Quantitative measurement of serum allergen-specific IgE on protein chip" <u>Experimental and Molecular Medicine</u> 34:152-158	
18	Koutsami et al. (2002) "Prognostic factors in non-small cell lung carcinoma" <u>Anticancer Res</u> 22(1A):347-74	
19	Lund-Johansen et al (2000) "Flow cytometric analysis of immunoprecipitates" <u>Cytometry</u> 39:250-259.	
20	Martins (2002) "Development of internal controls for the Luminex instrument as part of a multiplexed seven-analyte viral respiratory antibody profile" <u>Clinical and Diagnostic Laboratory Immunology</u> 9:41-45	
21	Mezzasoma et al. (2002) "Antigen microarrays for serodiagnosis of infectious diseases" <u>Clin. Chem.</u> 48:121-130	
22	Oliver et al. (1998) "Multiplexed analysis of human cytokines by use of the FlowMetrix system" <u>Clinical Chemistry</u> 44:2057-2060	
23	Reimer et al. (2002) "Peptide arrays: from macro to micro" <u>Curr. Opin. Biotech.</u> 13:315-320	
24	Wiese et al. (2001) "Simultaneous multianalyte ELISA performed on a microarray platform" <u>Clin Chem</u> 47:1451-7	
25	Wobus et al. (2002) "CD44 associates with EGFR and erbB2 in metastasizing mammary carcinoma cells" <u>Appl Immunohistochem Mol Morphol</u> 10:34-9	
26	Bio-Rad Laboratories , Bio-Plex Assays, World Wide Web at http://www.bio-rad/B2B/BioRad/product/br_categoru.jsp?BV_SessionID=@@@@10.htm , 3 pages, November 14, 2002.	
27	Upstate BioTech , Beadlyte-Phosphoprotein Kits and Products, World Wide Web at http://upstatebiotech.com/browse/productdetail.asp?ProductID=48-600 , 4 pages, November 18, 2002.	

Examiner Signature		Date Considered	
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